



مركز الإحصاء
STATISTICS CENTRE

Import- Export Unit Value Index Methodology

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Overview

Statistics Centre – Abu Dhabi (SCAD) is the official body responsible for calculation of Import-Export Unit Value Index, in the endeavor of the Centre to fulfill the requirements Abu Dhabi Plan for provisions of accurate statistical information and data to support the decision-making process.

SCAD has compiled the Import-Export Unit Value Index (MXUVI) in compliance with the best international practices and methodologies used in the calculation of this index, which is published on a quarterly basis.

Importance

- It fulfills the requirements of Abu Dhabi Plan requirements accurate statistical information and data to support the decision-making process. The Statistics Centre- Abu Dhabi compiled the Import-Export Unit Value Index (MXUVI) in line with the best international practices and methodologies.
- It is used by international economic organizations, such as International Monetary Fund (IMF) for evaluation and comparison.
- Used by the National Accounts Section as a deflator in the calculation of the GDP.

Objectives

- Provision of the data required to support decision and policy makers and planners in the industry and trade sector.
- Provision of the data required to reform and formulate economic policies and plans.
- Tracking export price levels and comparing the same with import price levels.

Concepts and Definitions

Price Index: A number with which we compare the relative change that affects any phenomenon/phenomena due to different time and place.

Comparison Period: the period whose prices, quantities or values are compared with another period.

Base Period: The time period with which the current period is compared. The Base Period usually precedes the Comparison Period.

Imports: The goods entering the customs and economic territory of the Emirate of Abu Dhabi from the rest of the world except for other Emirates of the UAE, whether these goods enter directly, are withdrawn from customs warehouses, enter temporarily or are transferred from free zones within the UAE and cleared from customs to form part of the commodity balance of the Emirate of Abu Dhabi.

Non-oil Exports: Goods produced locally, or with local resources contributing to their production (excluding crude oil), exported from the customs and economic zone of the Emirate of Abu Dhabi to the world, to be deducted from its stocks of goods. Non-oil exports could include goods partially manufactured in other emirates of the UAE.

Classifications by Broad Economic Categories (BEC): is a goods classification of foreign trade statistics that correlates the goods to macroeconomic categories (capital goods, intermediates goods, and consumer goods).

The Harmonized Commodity Description and Coding System (HS): The Harmonized System is a standardized numerical method of classifying traded products. It is used by customs authorities around the world to identify products when assessing duties and taxes and for gathering statistics.

Users can obtain foreign trade data from (SCAD) detailed by the (HS) system, which is the basis for classification of goods in Abu Dhabi's General Administration of Customs (AD Customs).

Coverage

This report covers all non-oil goods exported or imported through the borders of Emirate of Abu Dhabi, the data on which is provided by the General Administration of Customs.

Frequency

SCAD issues the Import-Export Unit Value Index Bulletin on a quarterly basis.

Classifications

The following classifications are used to derive the Import-Export Unit Value Index:

- Classification by Broad Economic Categories (BEC)
- The Harmonized Commodity Description and Coding System (HS).

Main Data Sources

Data used in the compilation of the Import-Export Unit Value Index are administrative data, collected from the General Administration of Customs - Abu Dhabi, Department of Finance. Following review, examination and processing of data at (SCAD) by the Foreign Trade Section, it is used for production of the Import-Export Unit Value Index.

Questionnaires

Data is collected automatically through a link with the Abu Dhabi Customs Administration, with export/import data received at the level of individual items level, detailed by value and quantity on a quarterly basis.

Sample Design

There is no sample; instead, data on all exports and imports of non-oil goods is sourced from the records of the General Administration of Customs in the Emirate of Abu Dhabi.

Data Collection

Exports and imports data are collected quarterly by logging in the website of the General Administration of Customs.

Data Editing

- Initial editing of foreign trade data is carried out in Foreign Trade Section, after which the Income and Price Section reviews the prices relatives in the index at the unit and the sub-group levels, in accordance with (HS) and (BEC) classifications. Merchandise units with price relatives above (500) or below (20) during the current quarter compared with the prices of base year (2014 = 100) are removed.
- Unit prices are considered final at the end of the following quarter, following final reviews by the Foreign Trade Section.

Indicators Calculation

FIRST: Calculation of weights

The weight of the merchandise unit is calculated based on the export/ import unit value, by dividing the value of export/import unit by the grand total value of export/import in 2014.

SECOND: Data Processing

Export / import data is reviewed and edited by the Foreign Trade Section. Calculation involves automated removal of merchandise units for which the unit price exceeds or falls below certain limits.

THIRD: Index Calculation

The index is calculated using the (**Laspeyres Equation**)

$$MXUVI_L = \sum \frac{P_{1i}}{P_{0i}} \times W_{0i}$$

Timeliness

The Import-Export Unit Value Index is released within the quarter following the end of the reference quarter.

Dissemination

The Import-Export Unit Value Index is published monthly on the website of Statistics Centre – Abu Dhabi.



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رؤيتنا: الريادة والابتكار في الإحصاء
Our Vision: Leadership and Innovation in Statistics



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